

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,139,557 B2  
APPLICATION NO. : 10/081260  
DATED : November 21, 2006  
INVENTOR(S) : Tang et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

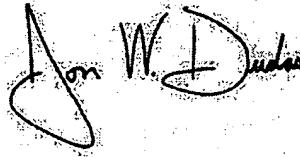
Title page, item [54]

In the title, please replace “SYSTEMS, DEVICES AND METHODS FOR PROVIDING SERVICES IN A PROXIMITY-BASE ENVIRONMENT” with -- SYSTEMS, DEVICES AND METHODS FOR PROVIDING SERVICES IN A PROXIMITY-BASED ENVIRONMENT --;

In column 11, line 48, please replace “subcomponents” with -- sub-components --.

Signed and Sealed this

Twentieth Day of March, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*